

מדינת ישראל

משרד ראש הממשלה

גנזך המדינה

14

סט. ל.ט.

Government of Palestine

Department of Health

Dairies, Cowsheds & Milk Control -
Dairy & Pasteurising Plant - Kadoorie
School, Tulkarem

מחלבות, רפתות ובקרה על חלב - מחלבה
ותחנת פיסטור - בית ספר כדורי, טולכרם

2 / 1938 — 2 / 1929

6611 / 14 / מ

סימול מקורי: 35/19

תיק מס,

מיכל מס,

מדינת ישראל

גנזך המדינה

מחלקה



שם תיק: Dairies, Cowsheds & Milk Control - Dairy
& Pasteurising Plant - Kadoorie School,

מ-6611/14

מזהה פיזי:

מזהה פריט: 000502r

כתובת 2-108-10-8-9

תאריך הדפסה 23/03/2016

35/19
PALESTINE GOVERNMENT.

Dairies Cowsheds & Milk Control

Dairy & Pasteurising Plant.

1562 W

Kadoorie School

Tulkarem

P.A

2219

35/19

1. 103/25. 26.2.25. Dairy Supply Co Ltd. London.
2. 5627/29. 15.2.29. " " " " "
3. 5626/29. 14.2.29. " " " " "
4. 5.626/29. 13.2.29. " " " " "

35/19

PALESTINE GOVERNMENT.



Dairies Cowsheds & Milk Control

Dairy & Pasteurising Plant.

1562 *W*

Kadoorie School

Tulkarem

35/15
41/25.

2February 1938

Supply of Milk - Watan Hospital, Nablus.

Director of
Agriculture & Fisheries,
Jerusalem.

The Nablus Government Hospital has difficulty in obtaining from the contractor adequate milk supply.

The Kadoorie Agricultural School at Tulkarm is, I understand, selling milk to the Thuva Cooperative Society.

I recommend strongly that supplies of milk, produced under the good conditions possible at the School, be made available for the Nablus Government Hospital.

At present the School could not supply all our requirements, but, as we should be paying the market price for the milk, perhaps it might be possible to increase their herd of dairy cows to enable them to do so.

I should be very glad if you would take up the matter soon, since our tenders for the hospital diets will soon be called for, and I should like to know if my suggestion is feasible, before tenders are adjudicated.

(Sgd) G. W.H.

DIRECTOR
MEDICAL SERVICES.

2

70

GOVERNMENT OF PALESTINE.

حكومة فلسطين

Department of Agriculture & Fisheries

دائرة الزراعة والاسماك

All Communications to be addressed to Principal,
Kadoorie Agricultural School, Tulkarm.

يجب ان تعنون جميع المراسلات الى رئيس
مدرسة خضوري الزراعية بطولكرم

In reply please quote

الرجو ان تذكر عند الاجابة

No. TK

3/I2.

رقم طك/

Tel. No. 26 Tulkarm.

تلفون بمزة ٢٦ طولكرم

KADOORIE AGRICULTURAL SCHOOL,
TULKARM.

مدرسة خضوري الزراعية بطولكرم

Date 8th April 1937. التاريخ

Subject Accredited Milk. الموضوع

Ref'nce:- Yours 35/I9 of 7.4.37.

60

Director,
Medical Services,
Department of Public Health,
Jerusalem.

Reference yours as above - mentioned -
during term time the amount of accredited milk
available for sale, over and above our regular cust-
omers, will not exceed 20 litres daily, especially
during the late Summer.



Wm. Heald.

Principal.

AMS

to see

L- 4m

MS

24/4

F

35/19.

4a

6a

13 APR 1937

Farm Sales Dairy.
Reference:- Your letter No.TK.3/12
of 18-3-37.

Principal,
Kadoorie Agricultural School,
Tulkarem.

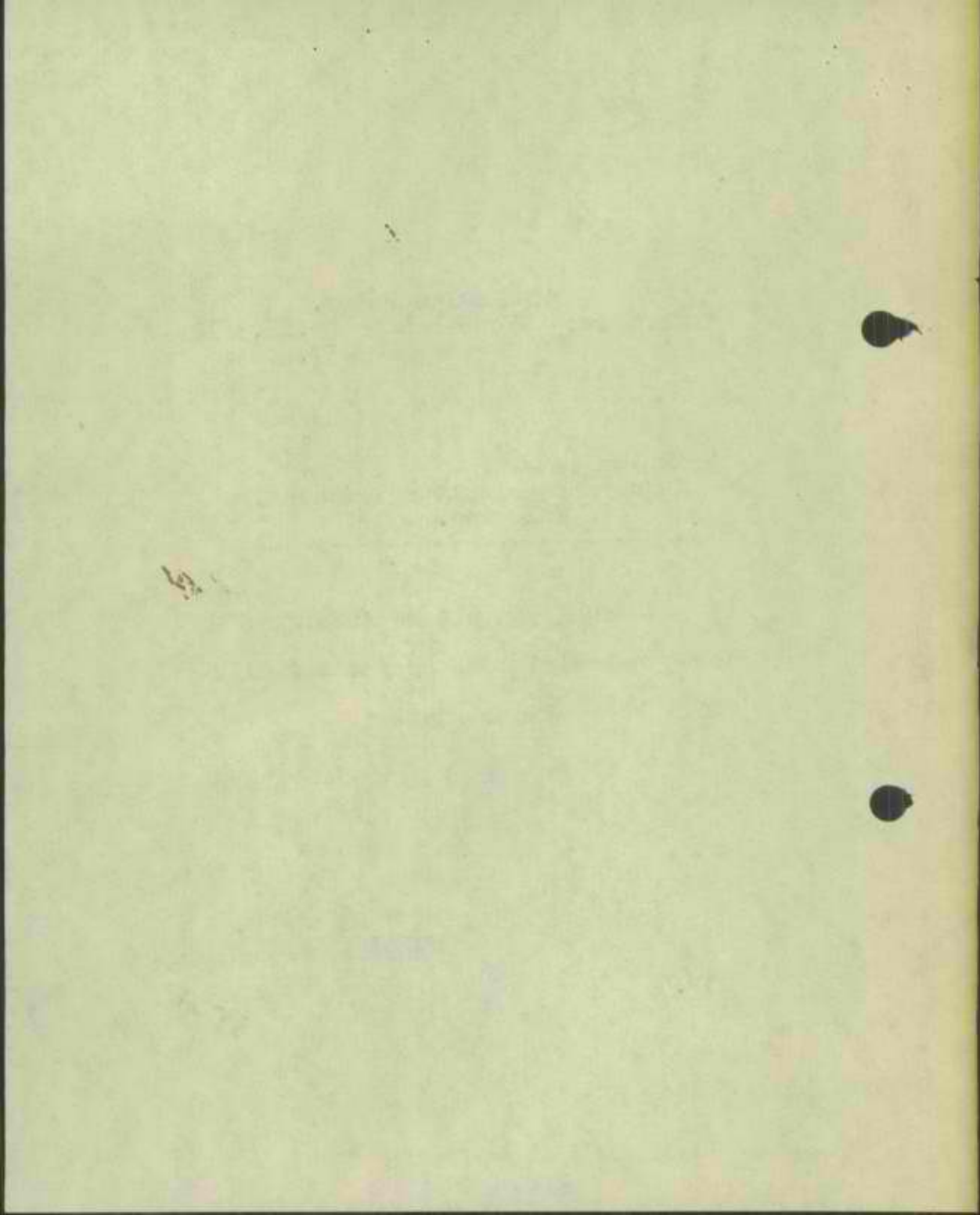
Would you please inform me
what quantities of accredited milk
will be available daily?

L
" DIRECTOR,
MEDICAL SERVICES.

E.P.

3544

2
BF on 26/4/37
Kd



GOVERNMENT OF PALESTINE.

حكومة فلسطين

Department of Agriculture & Fisheries

دائرة الزراعة والاسماك

All Communications to be addressed to Principal,
Kadoorie Agricultural School, Tulkarm.يجب ان تعنون جميع المراسلات الى رئيس
مدرسة خضوري الزراعية بطولكرمKADOORIE AGRICULTURAL SCHOOL,
TULKARM.

مدرسة خضوري الزراعية بطولكرم

Date 18th March 1937. التاريخ

Subject Farm Sales.
Dairy. الموضوع

Ref'nce: - Yours 35/19 of 9.3.37.

Mine 3/12 & 3/12 of 27.2.37.

In reply please quote

المرجو ان تذكر عند الاجابة

No. TK 3/12 رقم طك

Tel. No. 26 Tulkarm.

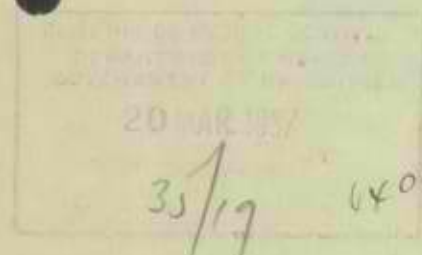
تلفون نمرة ٢٦ طولكرم

Director,
Medical Service,
Jerusalem.

Reference yours as above - mentioned in the
matter of the sale of milk in cartons, it is proposed
to market milk conforming to the requirements of Accredited
Milk under The Milk (Special Designation) Order 1936.

The herd has been tested for T.B.

The price charged at present is 20 mils per
litre, and it is proposed to continue the same charge throughout
the year.



Copy to: Mr. Stodart.

L. M. David.

Principal.

Dr. Hylshod

Present contract 1937-18
price of milk is 16½ mils per litre

How does this compare
with our new contract
prices.

22.3.37

35/19.

30
9 MAR 1937

Farm Sales Dairy - Milk Cartons.
Reference:- Your letter No. TK.3/12-8/12
of 27-2-37.

Principal,
Kadoorie Agricultural School,
Tulkarem.

The containers submitted by you are
suitable and can be used in place of
bottles.

2. I would be grateful for further informa-
tion regarding designated milk which you
propose to produce at Tulkarem particularly
regarding price and the possibility of supplying
the Government Hospital at Haifa with such
milk.

N
O
2
DIRECTOR,
MEDICAL SERVICES.

ELP.

2393

B For 25/3/37
KA

GOVERNMENT OF PALESTINE.

حكومة فلسطين

Department of Agriculture & Fisheries

دائرة الزراعة والاسماك

All Communications to be addressed to Principal,
Kadoorie Agricultural School, Tulkarm.

يجب ان تعنون جميع المراسلات الى رئيس
مدرسة خضوري الزراعية بطولكرم

KADOORIE AGRICULTURAL SCHOOL,
TULKARM.

مدرسة خضوري الزراعية بطولكرم

Date 27th February, 1937.

Subject Farm Sales Dairy.

الموضوع

Milk Cartons.

In reply please quote

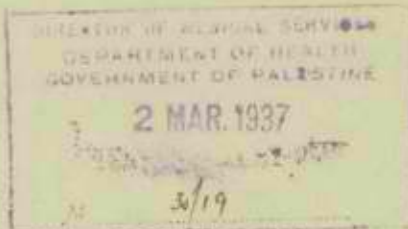
الرجو ان تذكر عند الاجابة

No. TK 3/12.
8/12. رقم طك

Tel. No. 26 Tulkarm.

تلفون نمرة ٢٦ طولكرم

Director,
Public Health Department,
Jerusalem.



I am forwarding you under separate cover, samples of the " Pergas " single service containers; these are made by Messrs Rappings Ltd. 9 - 10 Bond Court, Walbrook, London E.C.4. and it is proposed to substitute these in place of the bottles for reasons of hygiene and cheapness.

The containers will be labelled in English and Arabic as follows :-

Pure Clean Milk

Kadoorie Agricultural School

Tulkarm.

and this milk will conform to the standards required for Accredited Milk under the Milk (Special Designation) Order 1936 (England).

This container is already in use in Gibraltar and Ceylon.

I should be obliged for your opinion before proceeding any further in the matter.

H. W. Head
Principal.

Copy to :Director of Agriculture.

1912

RECEIVED
JAN 12 1912
U.S. DEPT. OF AGRICULTURE
WASHINGTON, D.C.



1912

RECEIVED
JAN 12 1912
U.S. DEPT. OF AGRICULTURE
WASHINGTON, D.C.

35/32/19
~~SE/33~~ 35/32/20



Kadoorie Agricultural Schools - Milk
Pasteurising Plants.

Director,
Department of Agriculture & Forests,
Jerusalem.

With reference to your letter No.16/2/J of
28-7-31, and subsequent meetings on the subject of
Milk Pasteurizing Plants in Kadoorie Agricultural
Schools.

1. The Department of Health will be glad to
assist in any way in the details of any installation
for the production of Pasteurized milk, or of any pro-
cedure in cow house and dairy designed to produce
graded milk. This Department is especially interested
in view of the prospect that boys trained in the Agri-
cultural Schools will in the future establish dairies
licenseable by the Department of Health on the lines
on which they will have gained experience during their
period of instruction. An attempt is being made to
control the milk trade in Palestine, and it is, there-
fore, important that as many persons as possible should
be instructed in the correct procedure for the pro-
duction of pasteurized or graded milk.

2. It is possible that the Dairy Supply Company
did not quite understand your requirements at the Tul-
karem Agricultural School, and provided you not with a
pasteurizing plant, but with a "Flash" heater and cooling
plant, designed neither for pasteurization nor for the
procedure involved in the production of graded milk.
No doubt in the order given for the new Agricultural
School at Mount Tabor this matter will be corrected,

but I think the "Flash" heater (incorrectly termed pasteurizer on the plans submitted by the Dairy Supply Co.) should be omitted. As there is already a pre-heater, it can serve no useful purpose in the procedure of pasteurization of milk. If required in connection with sterilizing cream, it should be used separately, the cream being sterilized by raising to a temperature not exceeding 190°F.

3. I have suggested that, in the new plant to be ordered for Mount Tabor, a ^{new} single pasteurizing installation, with gravity fall from holding vat to cooler and thence to bottler, be provided as the demonstration plant to students and others who may establish dairies in Palestine.

In view of the very considerable difficulty that would be encountered in Palestine in providing a milk conforming to grade A standards, this Department is of the opinion that pasteurization is the most satisfactory procedure to adopt in future milk supplies. The difficulty in obtaining highly trained milkers, cleanliness of the animals' udders, of the milkers' hands and of the utensils in the Cow Byres, and in preventing contamination of the milk by dust, would make it almost impossible to maintain the standards required in graded milk, even in the case of milk from the supervised byres and dairy of the new school.

There are two milk distributors already adopting pasteurization, and I see no reason why a demand for pasteurized milk should not eventuate.

4. I suggest for your consideration that if all milk products from the Kadoorie Schools, distributed to the public were pasteurized, it would be a very valuable example to the milk distributors elsewhere.

5. It is noted that a connection between the cooler and the bottling machine is to be made at the Tulkarem installation. I recommend also a cover in monel metal or zinc to the front of the cooler.

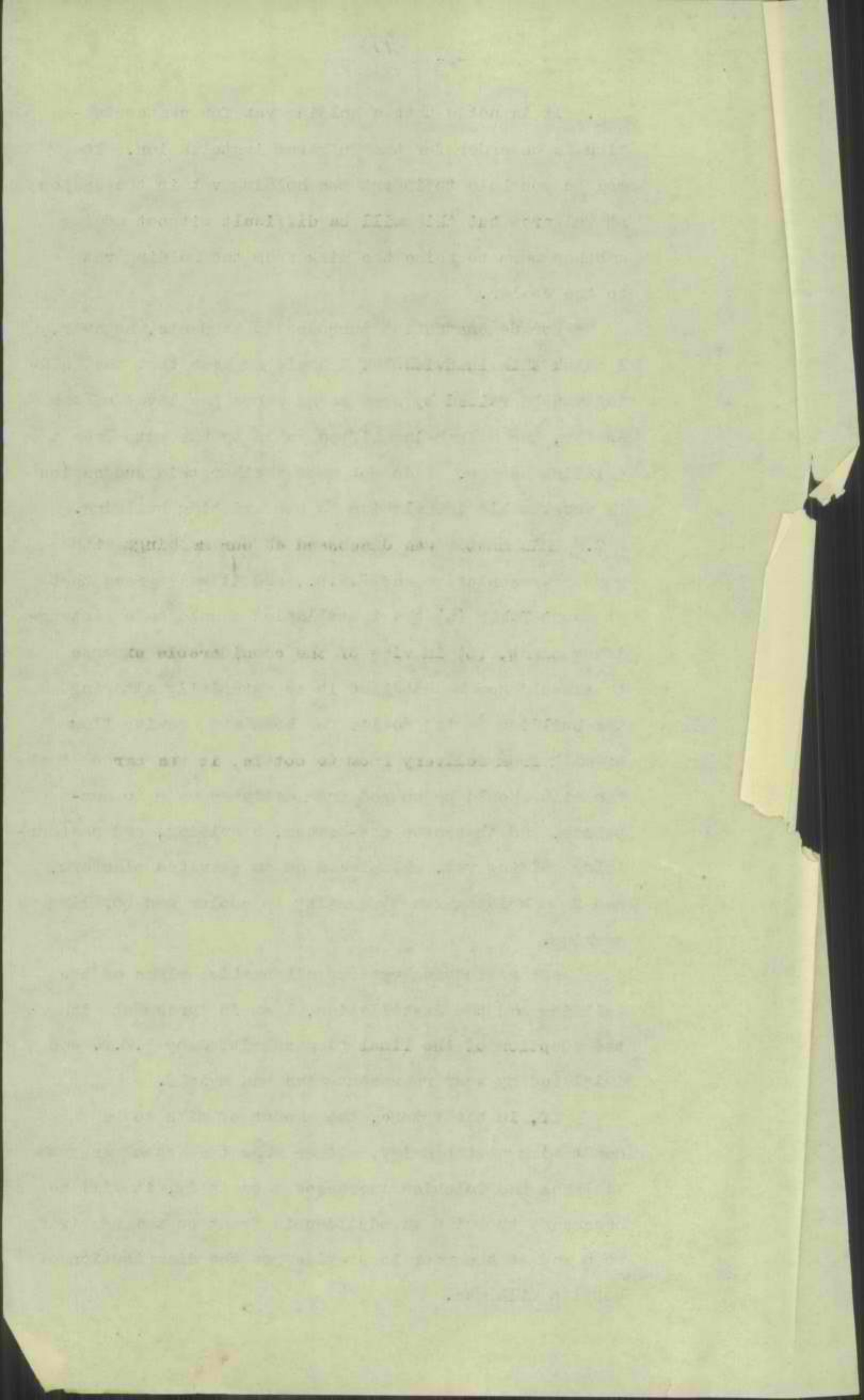
6. It is noted that a holding vat for pasteurization is on order for the Tulkarem installation. It may be possible to insert the holding vat in the system at Tulkarem but this will be difficult without adding another pump to raise the milk from the holding vat to the cooler.

For demonstration purposes to students, however, I think this inadvisable, I would suggest that the holding vat be raised by some means above the level of the cooler, the milk being lifted to it by the pump from the existing heater. I do not know whether this suggestion is practicable in relation to the existing building.

7. This matter was discussed at our meetings with your representative and P.W.D., and it was agreed that at Mount Tabor (a) the installation should be a pasteurizing plant, (b) in view of the considerable expense that would now be entailed in so materially altering the building as to provide for complete gravity flow of milk from delivery room to bottle, it was agreed that the milk should be pumped from delivery room to container, and thence to pre-heater, clarifier, and pasteurizing holding vat, all placed on an elevated platform, and from holding vat by gravity to cooler and bottling machine.

After studying various alternative plans of the building and the installation, I am in agreement with the adoption of the final plan submitted by P.W.D. and initiated by your representative and myself.

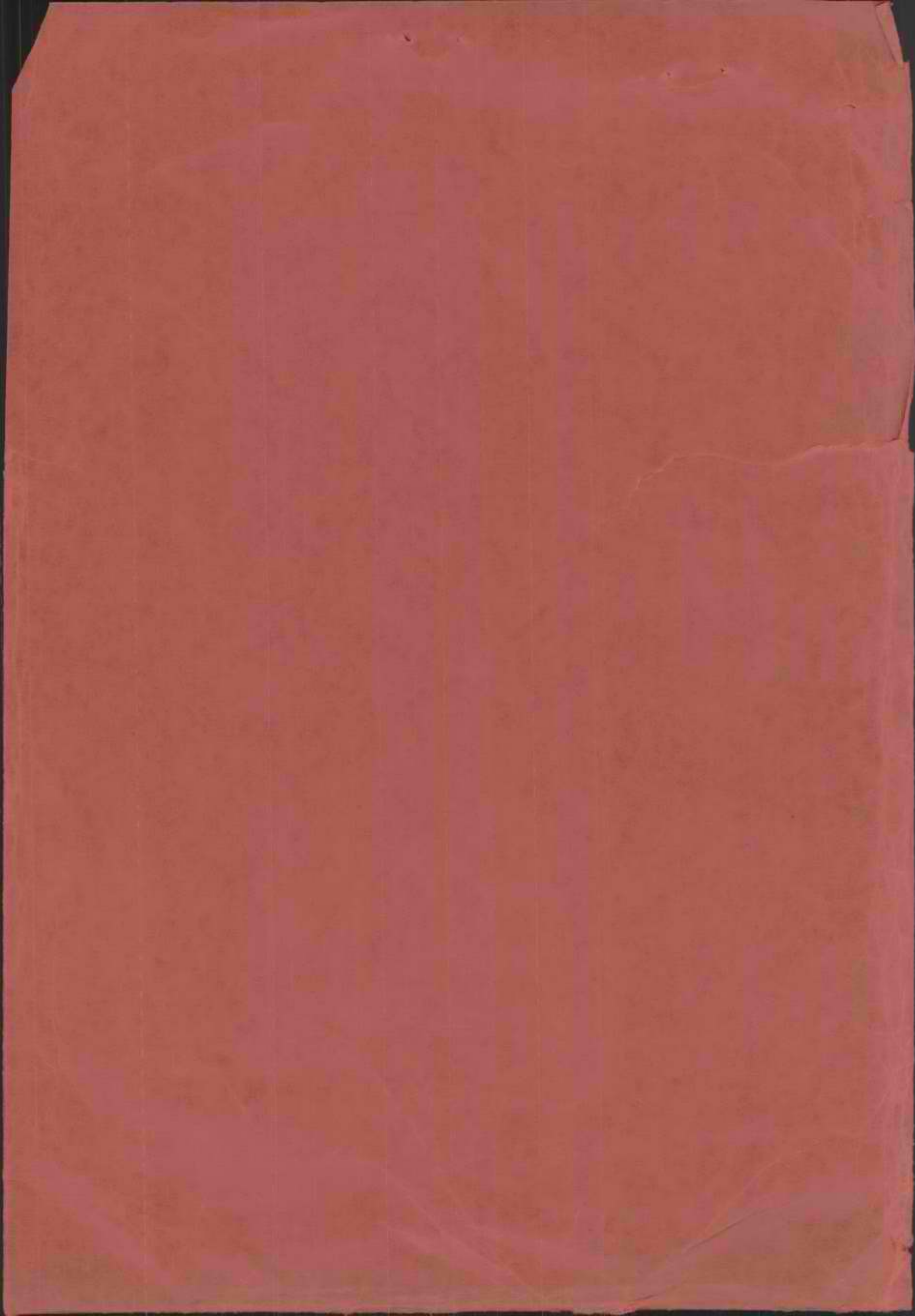
If, in the future, the amount of milk to be dealt with at the dairy, either from the School or from Villages and Colonies increases materially, it will be necessary to build an addition in front to the receiving room and at the rear to provide for the distribution of bottled milk etc.

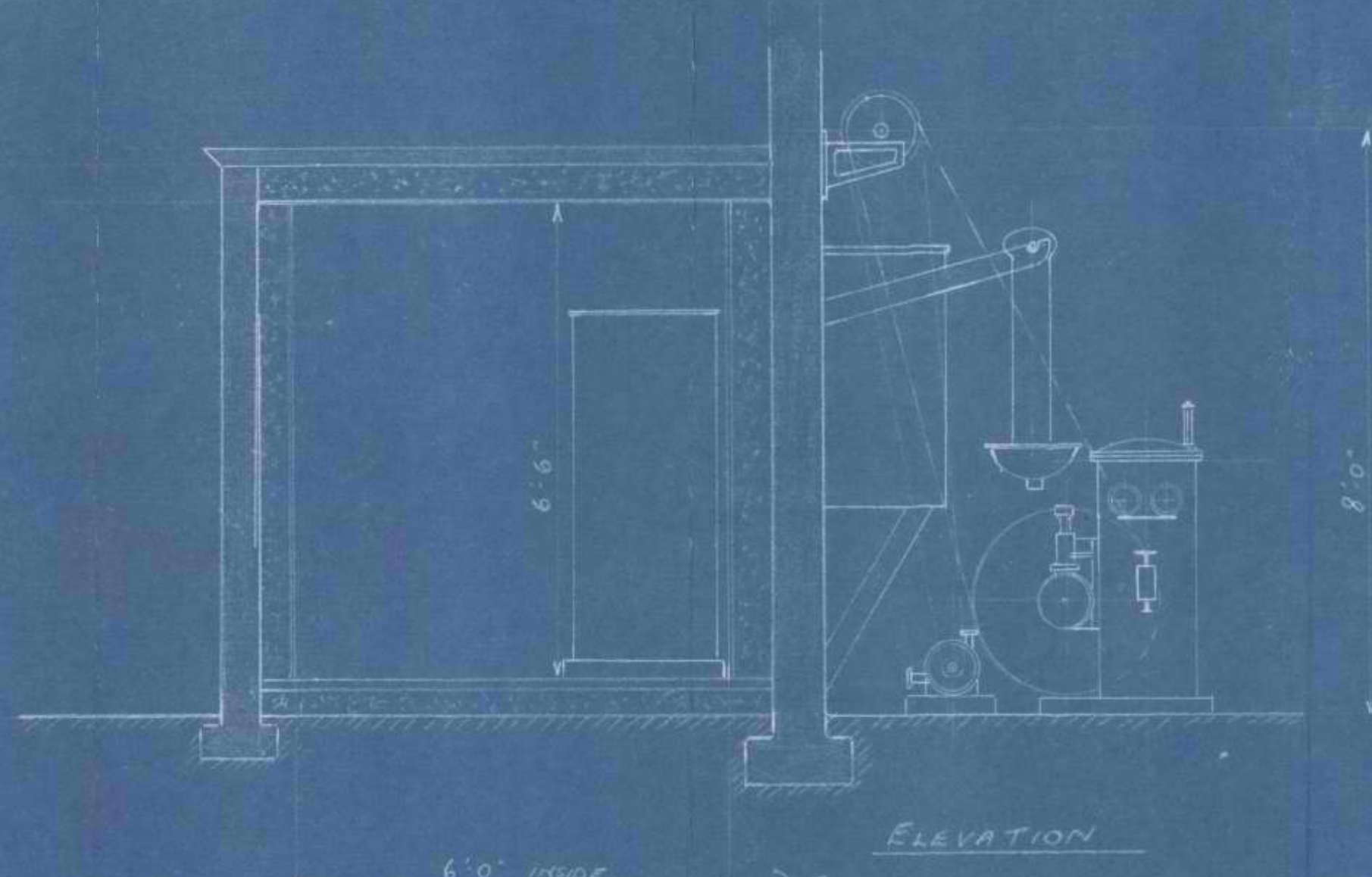


I advocate a simpler and much cheaper form of bottle washer than that proposed by the Dairy Supply Company in their specifications for the new plant for Mount Tabor. Without having examined in detail their prices and specifications, I would suggest that alternative quotations from other companies might be obtained.


DIRECTOR.

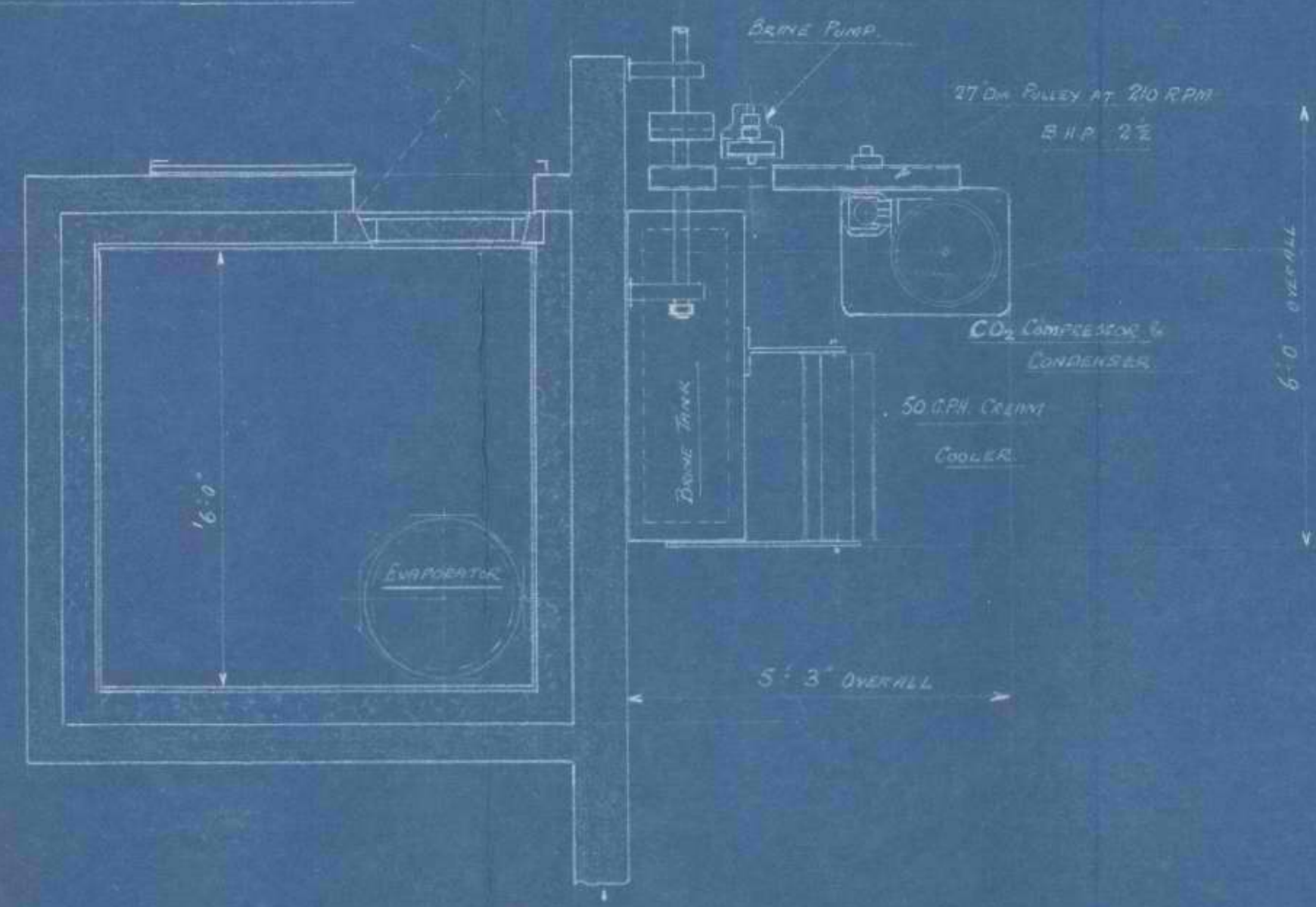
GLP.





ELEVATION

COLD STORE FLOOR
 2" 2" CORK SLAB, GRANULITHIC FINISH
 SIDES & ROOF
 2" 2" CORK SLAB, 1/2" KEENE'S CEMENT FINISH



PLAN

PROPOSED GENERAL ARRANGEMENT
 FOR
 COLD STORE & MILK COOLING
 Scale 1/4" = 1 FOOT

DAIRY SUPPLY CO. LTD.
 ENG. DEPT.
 LONDON

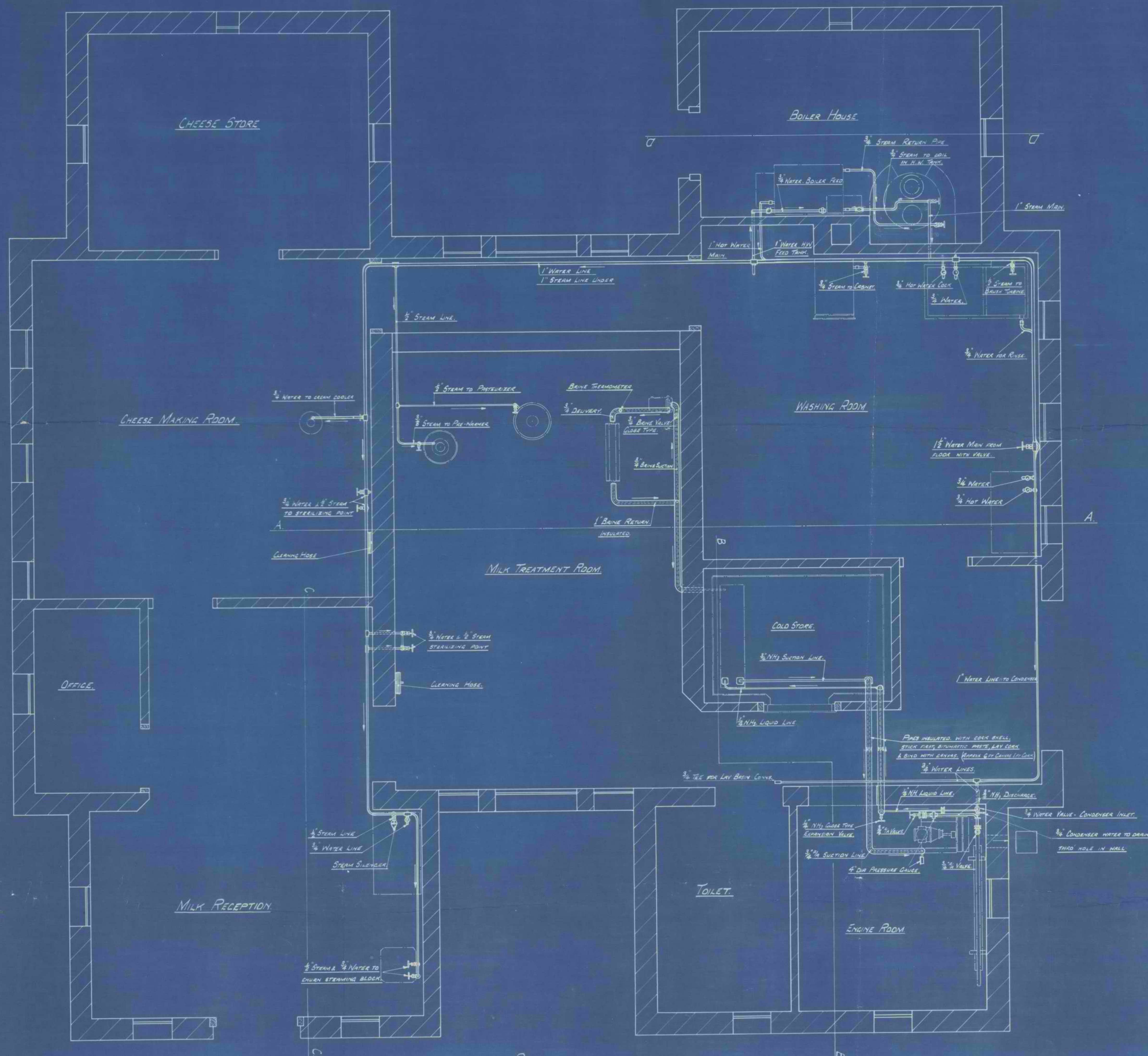
DRG. No. 123/25
 26-2-25

A.H.R.

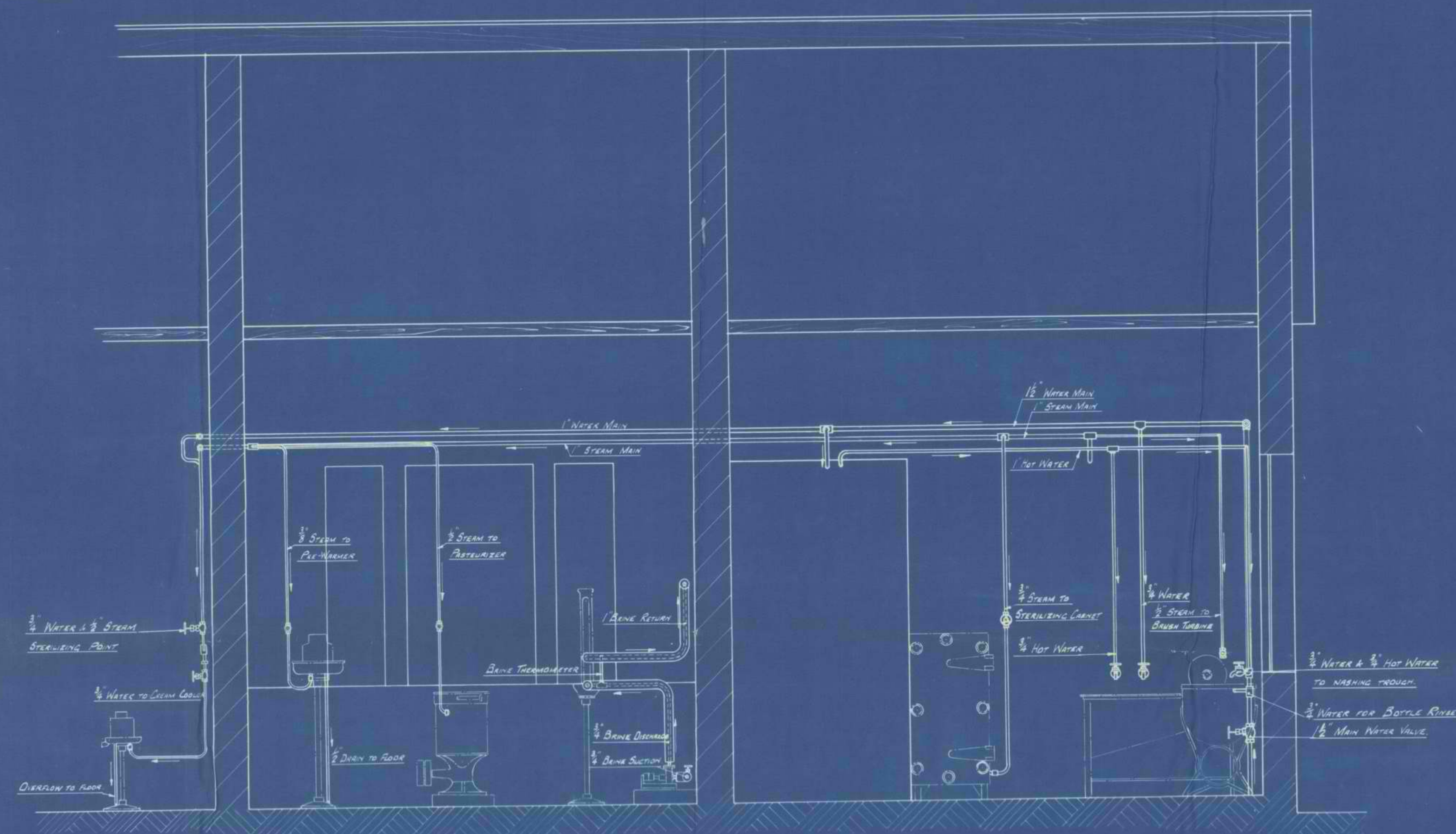
13

DEPARTMENT OF HEALTH	
REFERENCE PLAN	
File No.	1
Serial No.	
Rec'd From	
Date	
Ref. No.	
Indexed By	rk

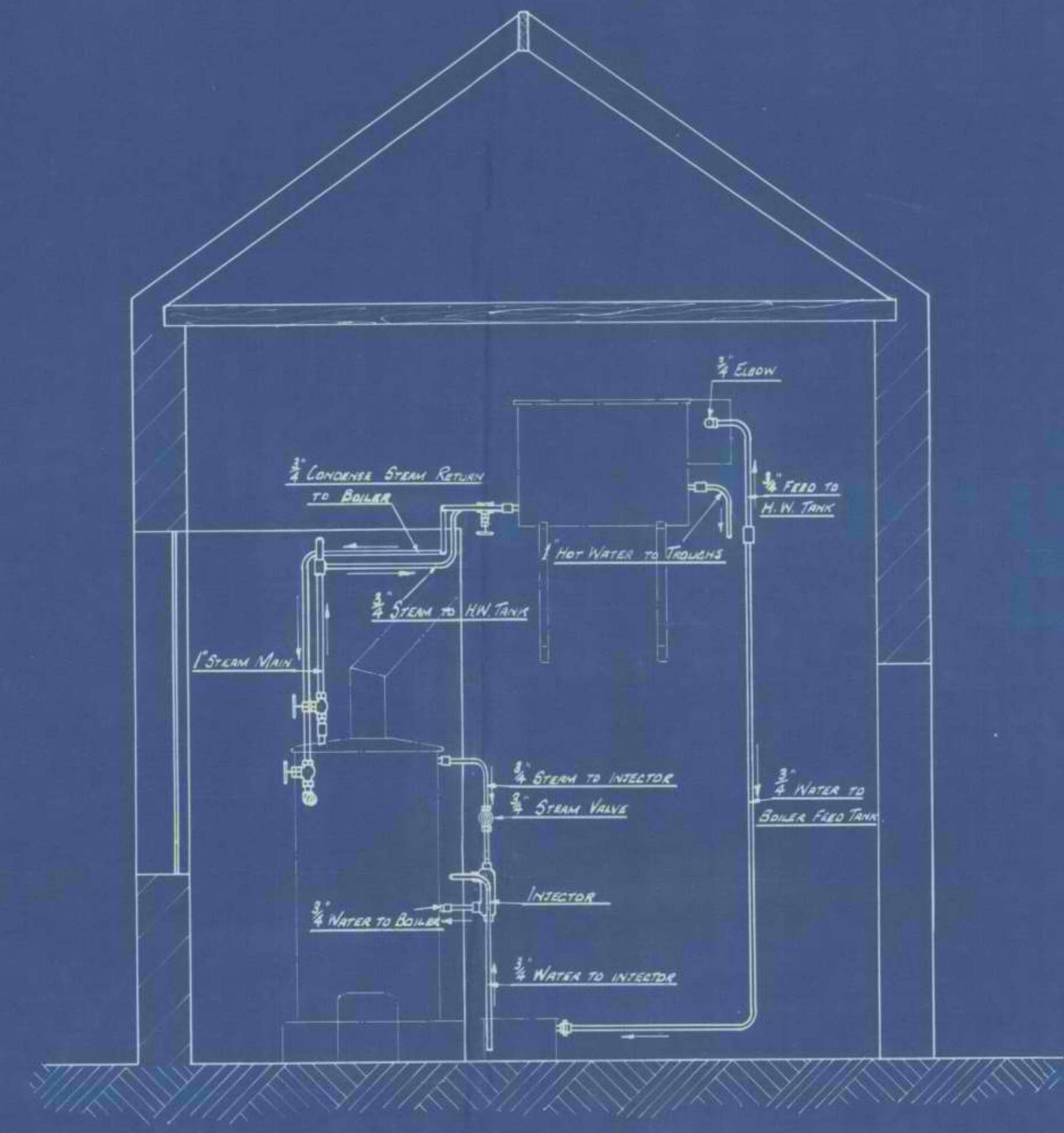




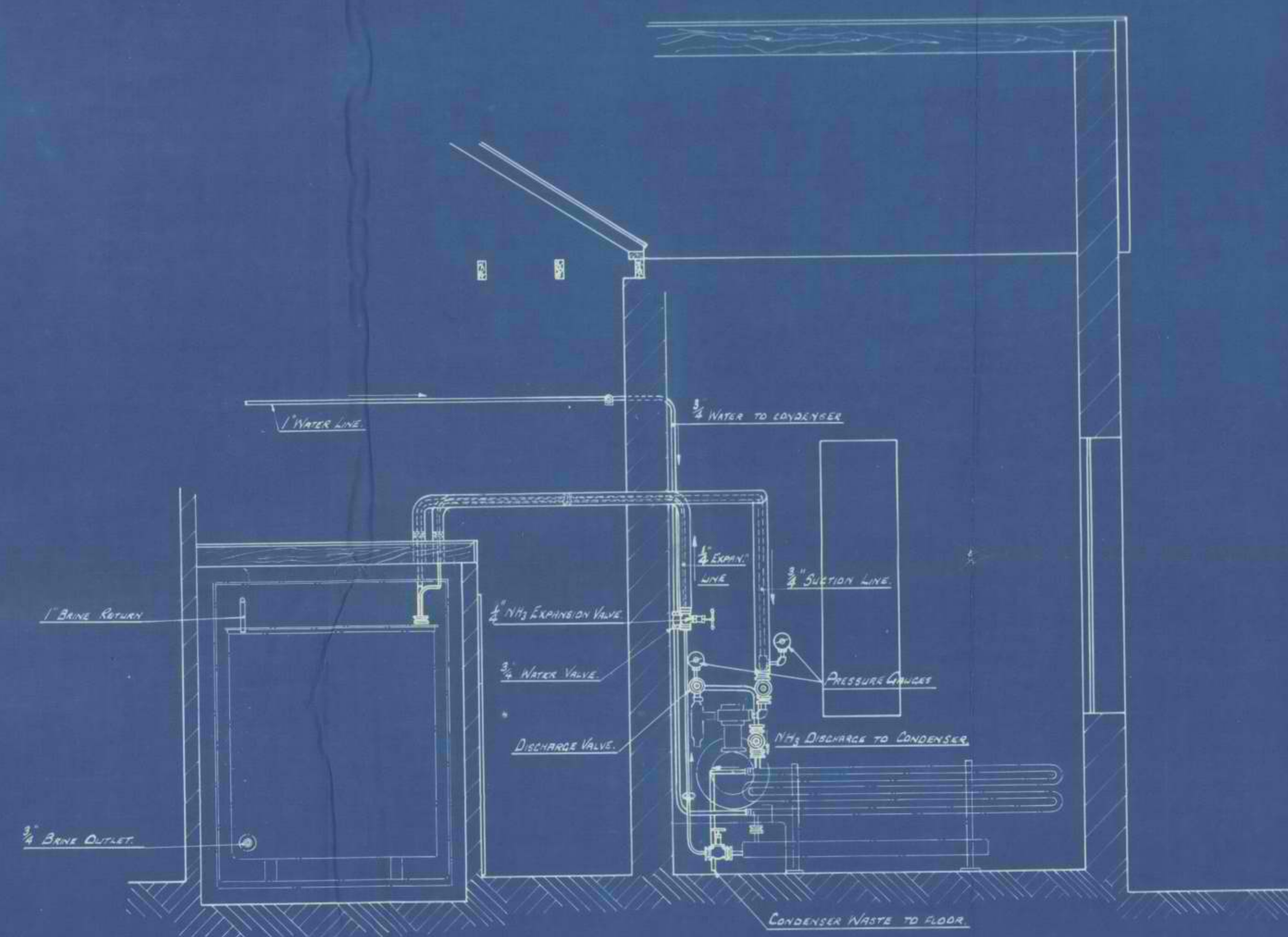
PLAN
 ARRANGEMENT OF PIPEWORK
 FOR THE SCHOOL OF AGRICULTURE - TULKAREM - PALESTINE.
 SCALE $\frac{1}{8}$ " = ONE FOOT.



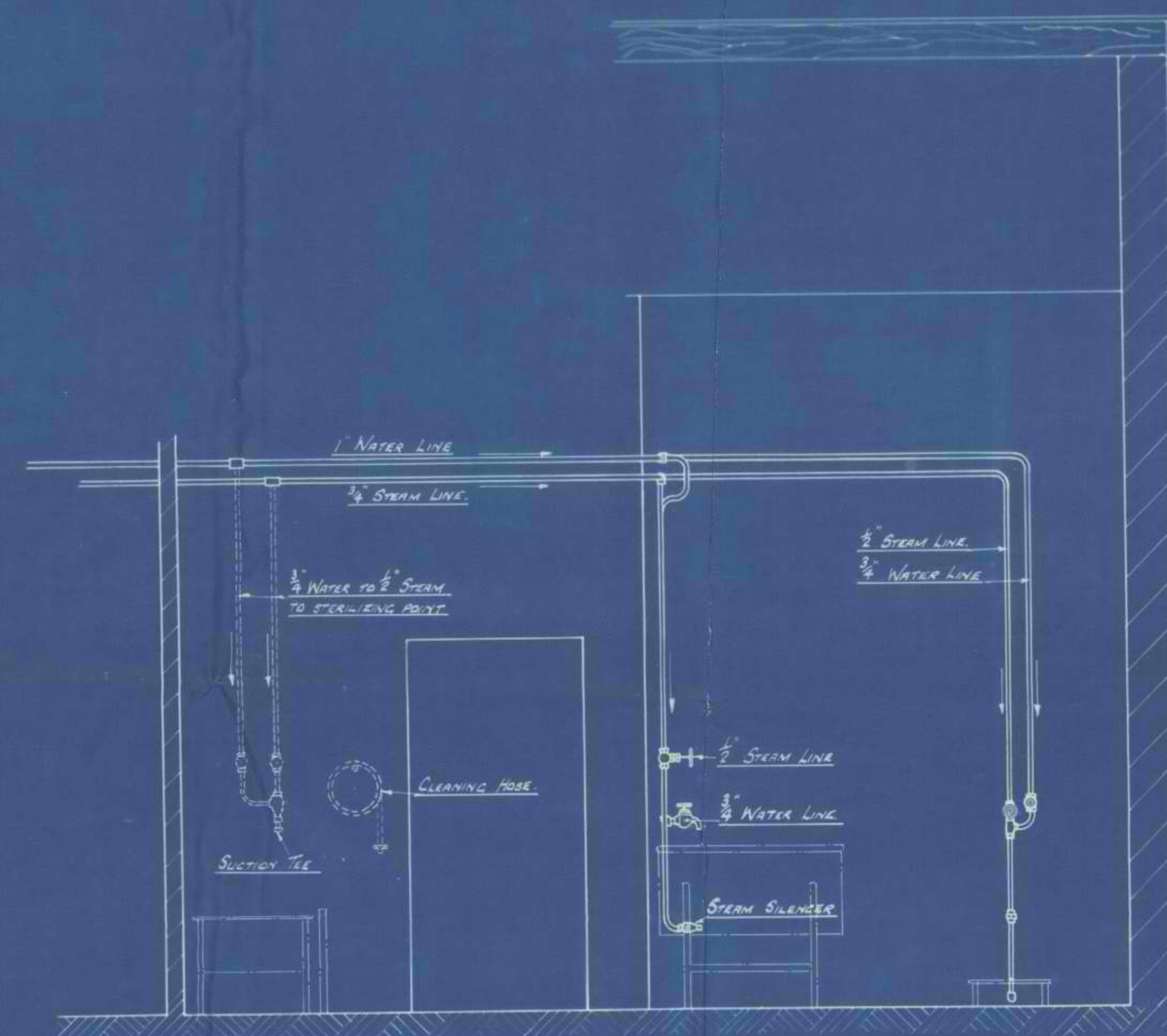
SECTION A.A.



SECTION D.D.



SECTION B.B.



SECTION C.C.

REPORT OF CHILD
FBI
No. 2.
Date
Place
By
Initials

38^a

